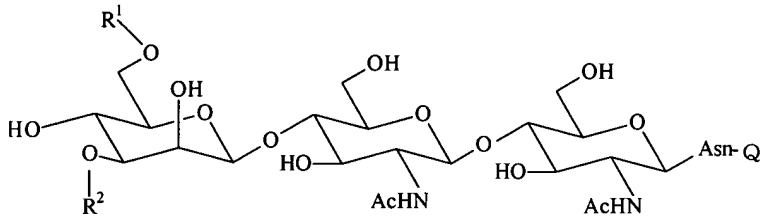
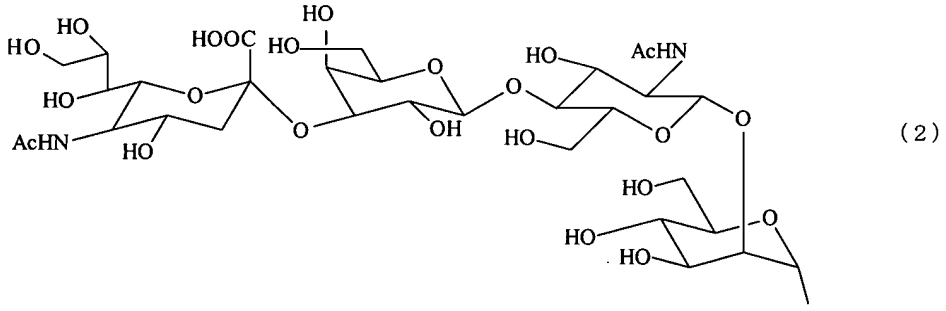
IN THE CLAIMS:

1. (currently amended) An asparagine-linked oligosaccharide of the formula (1) given below having undeca- to tri-saccharides

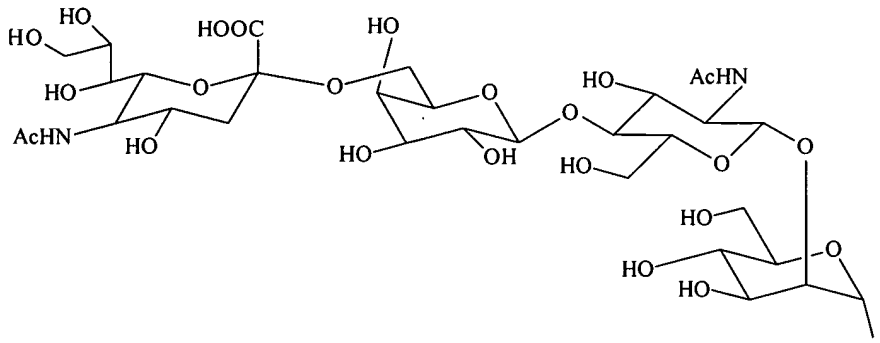


(1)

wherein R^1 and R^2 are each a hydrogen atom or a group of the formulae (2) to (6) and may be the same or different, and Q is a biotin group or FITC group[[.]]



(2)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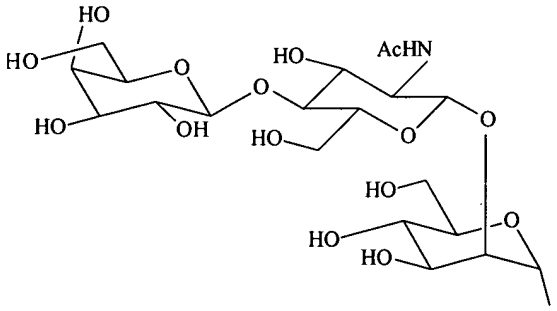
(3)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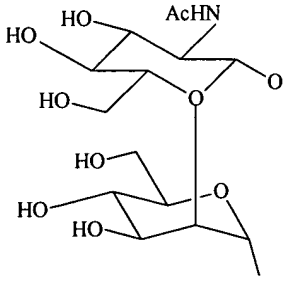
(4)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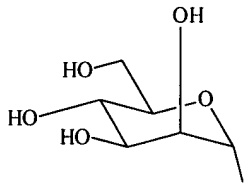
(5)



(6)

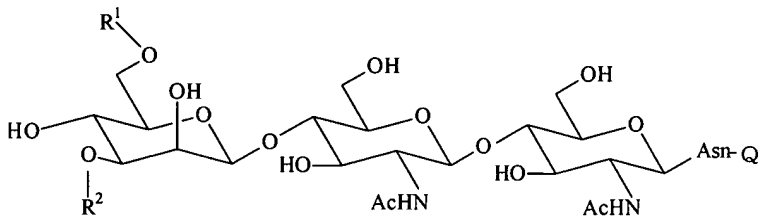
2. (currently amended) An asparagine-linked (α2,3) or (α2,6) oligosaccharide derivative having undeca- to hepta-saccharides and represented by the formula (1) wherein one of R^1 and R^2 is always a group of the formula (2) or (3), wherein formula (1), formula (2) and formula (3) are as defined in claim 1.

3. (currently amended) An asparagine-linked (α2,3) (α2,6) oligosaccharide derivative having undecasaccharide and represented by the formula (1) wherein R^1 is a group of the formula (2), and R^2 is a group of the formula (3), wherein formula (1), formula (2) and formula (3) are as defined in claim 1.

4. (currently amended) An asparagine-linked (α2,3) (α2,6) oligosaccharide derivative having undecasaccharide and represented by the formula (1) wherein R^1 is a group of the formula (3), and R^2 is a group of the formula (2), wherein formula (1), formula (2) and formula (3) are as defined in claim 1.

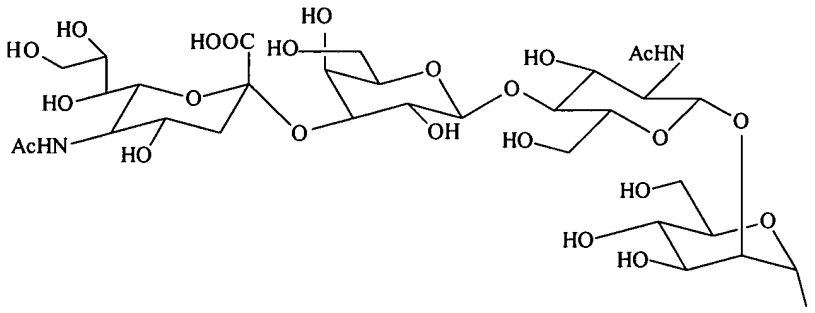
5. (original) An asparagine-linked oligosaccharide derivative containing at least one fucose in N-acetylglucosamine on the nonreducing terminal side of an asparagine-linked oligosaccharide wherein the amino group of asparagine is modified with a biotin group or FITC group.

6. (currently amended) An asparagine-linked oligosaccharide derivative containing fucose and according to claim 5 wherein the asparagine-linked oligosaccharide having a biotin group or FITC group modifying the amino group of asparagine is an asparagine-linked oligosaccharide derivative of the formula (1) having undeca- to tri-saccharides



(1)

wherein R^1 and R^2 are each a hydrogen atom or a group of the formulae (2) to (6) and may be the same or different, and Q is a biotin group or FITC group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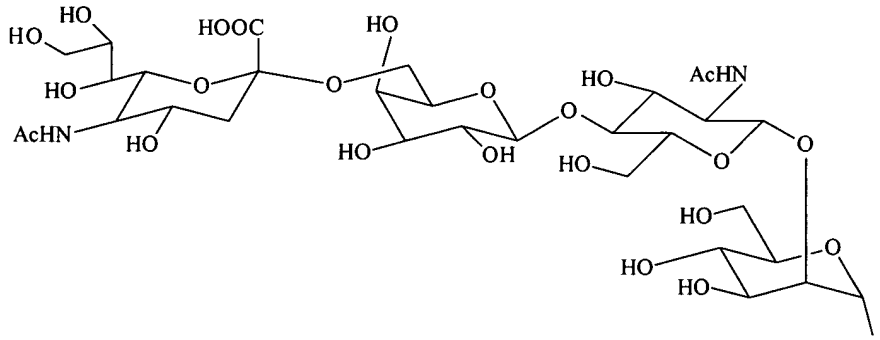
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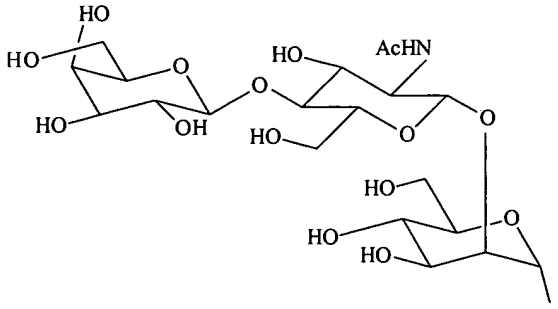
(3)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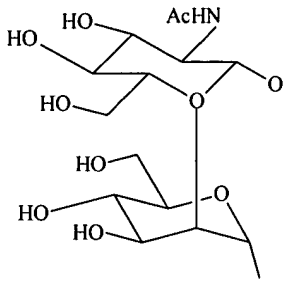
(4)



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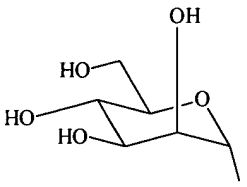
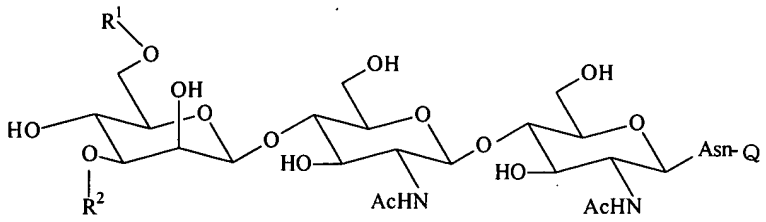


(6)

7. (currently amended) An asparagine-linked oligosaccharide derivative containing fucose and according to claim 5 wherein the asparagine-linked oligosaccharide having a biotin group or FITC group modifying the amino group of asparagine is an asparagine-linked (α2,3) (α2,6) oligosaccharide derivative ~~according to claim 3 and~~ having undecasaccharide and represented by the formula (1)



(1)

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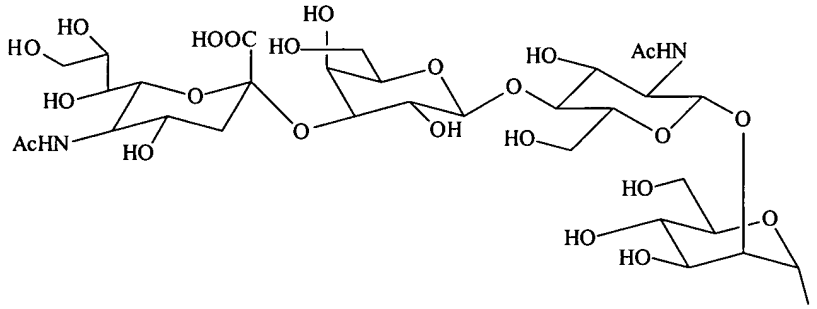
wherein R^1 is a group of the formula (2), and R^2 is a group of the formula (3) and Q is a biotin group or FITC group



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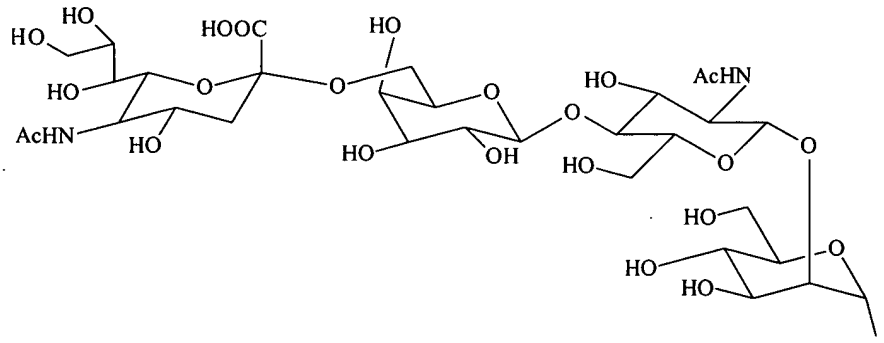

(3)

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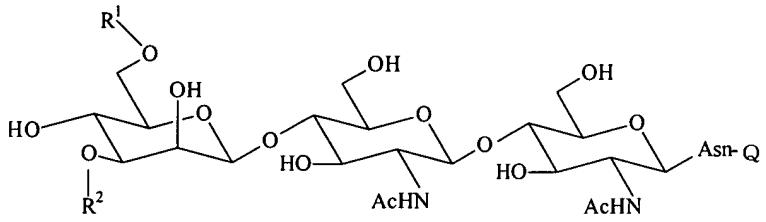
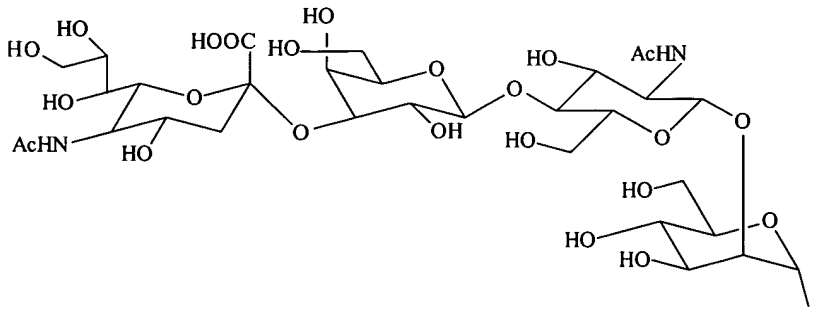
8. (currently amended) An asparagine-linked oligosaccharide derivative containing fucose and according to claim 5 wherein the asparagine-linked oligosaccharide having a biotin group or FITC group modifying the amino group of asparagine is an asparagine-linked (α2,3) (α2,6) oligosaccharide derivative ~~according to claim 4 and~~ having undecasaccharide and represented by the formula (1)



(1)

wherein R^1 is a group of the formula (3), and R^2 is a group of the formula (2) and Q is a biotin group or FITC group



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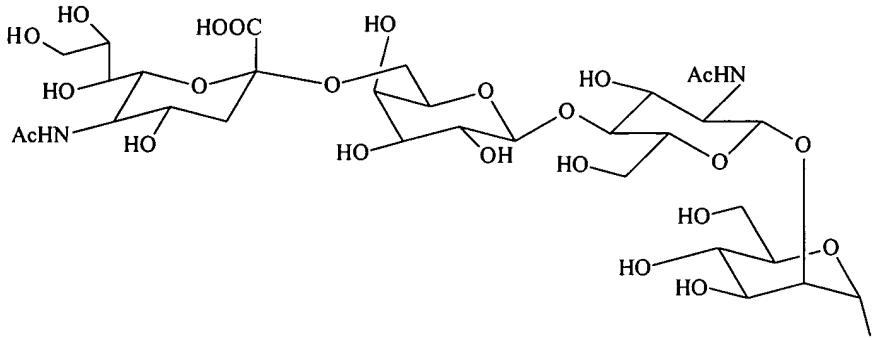
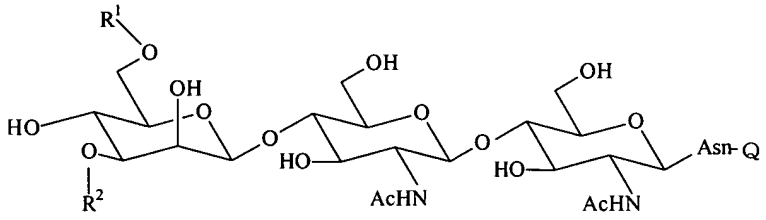


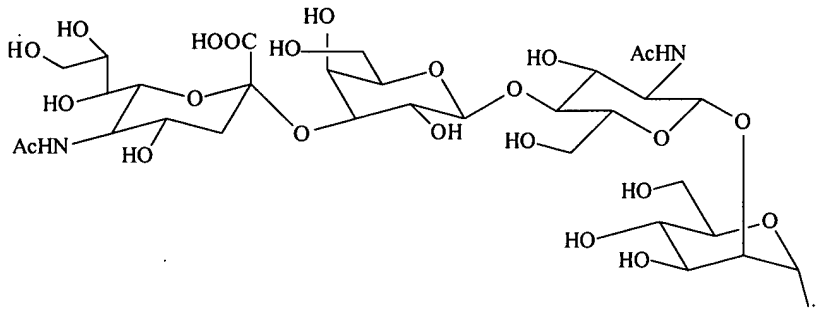
(3)

9. (currently amended) An asparagine-linked oligosaccharide derivative containing fucose and according to claim 5 wherein the asparagine-linked oligosaccharide having a biotin group or FITC group modifying the amino group of asparagine is an asparagine-linked α2,3 oligosaccharide derivative having undeca- to hexa-saccharides and represented by the formula (1)



(1)

wherein R^1 and R^2 are each a hydrogen atom, a group of the formula (2) or a group of the formulae (4) to (6), and one of R^1 and R^2 is always a group of the formula (2) or (4), and Q is a biotin group or FITC group



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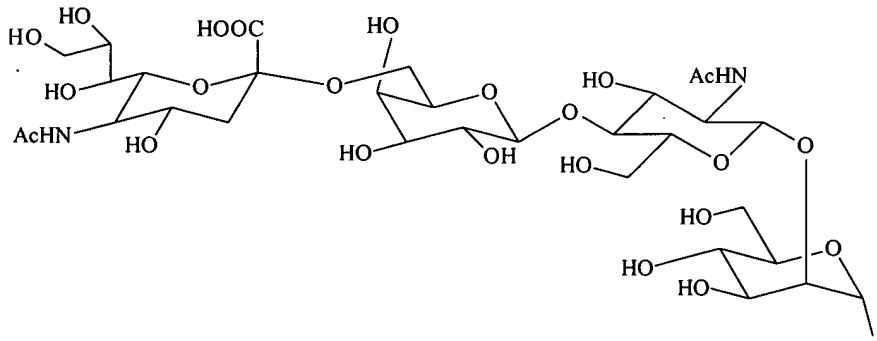

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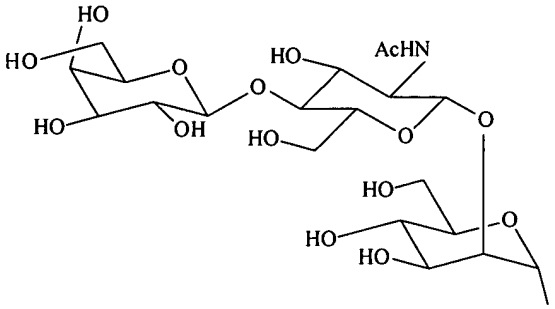

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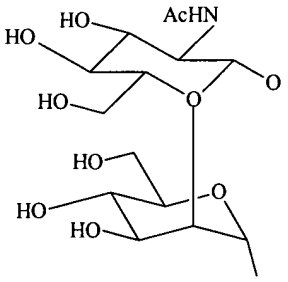

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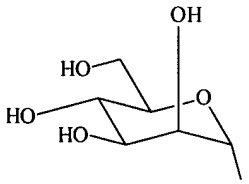
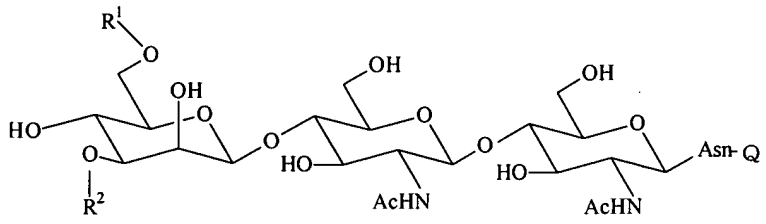


(6)

10. (currently amended) An asparagine-linked oligosaccharide derivative containing fucose and according to claim 5 wherein the asparagine-linked oligosaccharide having a biotin group or FITC

group modifying the amino group of asparagine is an asparagine-linked α2,6 oligosaccharide derivative having undeca- to hexa-saccharides and represented by the formula (1)



(1)

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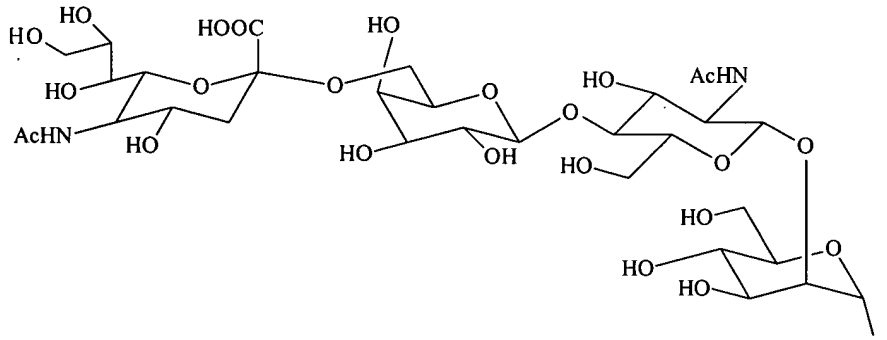
wherein R^1 and R^2 are each a hydrogen atom, a group of the formula (3) or a group of the formulae (4) to (6), and one of R^1 and R^2 is always a group of the formula (3) or (4), and Q is a biotin group or FITC group



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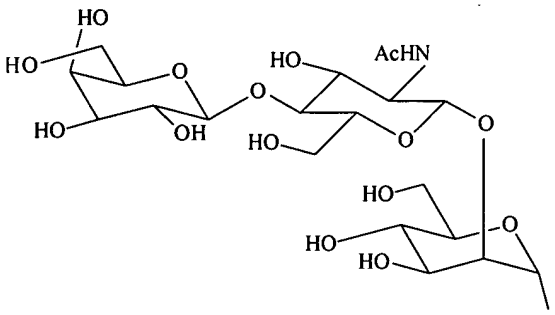

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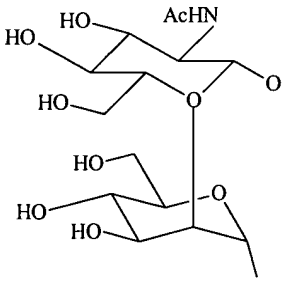

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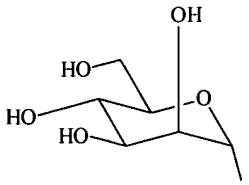
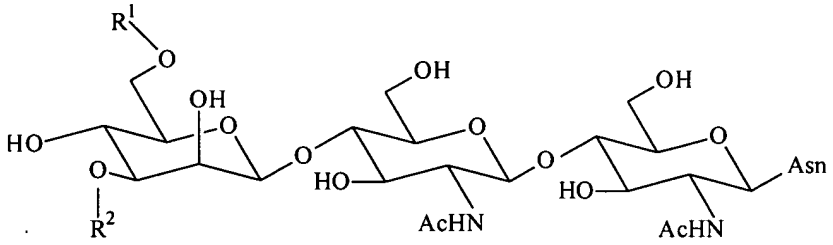


(6)

11. (currently amended) A process for preparing a biotinated asparagine-linked oligosaccharide characterized in that an asparagine-linked oligosaccharide of the formula (7) having undeca-

to tri-saccharides is biotinated



(7)

wherein R^1 and R^2 are as ~~defined above~~ defined in claim 1.

12. (currently amended) A process for preparing a FITC-bonded asparagine-linked oligosaccharide characterized in that an asparagine-linked oligosaccharide of the formula (7) having undeca- to tri-saccharides is fluorescein isothiocyanated (FITC-bonded), wherein formula (7) is as defined in claim 11.

13. (currently amended) A microplate having immobilized thereto a biotinated asparagine-linked oligosaccharide according to ~~claims 1 to 10~~ claim 1.

14. (currently amended) An affinity column having immobilized thereto a biotinated asparagine-linked oligosaccharide according to ~~claims 1 to 10~~ claim 1.